

Claims

- [c1] 1. A system for fixing a commercial screw to the plastic support thereof which, being of special application to automobiles, specifically to the fixing of screws to electrical distribution boxes, is characterized in that it is materialized in the functional combination of a metallic part (4) and a special housing (7-8) of the plastic support (1), such that said metallic part (4) acts as a fixing means of the screw (2) in the recess (7) of the support (1), by means of its own fixing to said recess.
- [c2] 2. A system for fixing a commercial screw to the plastic support thereof according to claim 1, characterized in that the metallic part (4) adopts a U-shape, incorporating a hole (5) in the central branch thereof for the passage of the threaded rod (2) of the screw and having side branches (6) spaced in correspondence with the width of the head (3) of the screw, such that this remains immobilized in an angular or rotational direction between said side branches (6) of the metallic part (4).
- [c3] 3. A system for fixing a commercial screw to the plastic support thereof according to previous claim 1, characterized in that the recess (7) of the plastic support (1) is

of a suitable shape and size so as to receive the head (3) of the screw (2) together with the metallic part (4), the side branches (6) of the latter being markedly oversized with respect to the head (3) of the screw, such that they substantially project with respect thereto, the bottom of the recess (7) of the support (1) extending into grooves (8), which receive the projecting end portions of the side branches (6) of the metallic part (4).

[c4] 4. A system for fixing a commercial screw to the plastic support thereof according to previous claim 2, characterized in that the recess (7) of the plastic support (1) is of a suitable shape and size so as to receive the head (3) of the screw (2) together with the metallic part (4), the side branches (6) of the latter being markedly oversized with respect to the head (3) of the screw, such that they substantially project with respect thereto, the bottom of the recess (7) of the support (1) extending into grooves (8), which receive the projecting end portions of the side branches (6) of the metallic part (4).

[c5] 5. A system for fixing a commercial screw to the plastic support thereof according to claim 1, characterized in that the side branches (6) of the metallic part (4) have their also side edges provided with respective dentations (9) in the form of hooks which, facilitating the penetration of said side branches (6) in the grooves (8), cause

the locking thereof against forces in an opposite direction.

- [c6] 6. A system for fixing a commercial screw to the plastic support thereof according to claim 3, characterized in that the side branches (6) of the metallic part (4) have their also side edges provided with respective dentations (9) in the form of hooks which, facilitating the penetration of said side branches (6) in the grooves (8), cause the locking thereof against forces in an opposite direction.